

# Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #51—June 16, 2008

## Work Completed: June 5-June 11, 2008

- Continued removing soil and sediment from Removal Area 10B and floodplain soils from Removal Areas 11A, 12A, and 13A.
- Completed the removal of soil and sediment from Removal Area 11B.
- Completed the installation of an erosion protection system including river run rock, topsoil, and coir logs in Removal Area 7.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B1 to EQ's Wayne County Disposal Facility located in Belleville, Michigan.
- Began post-construction seeding in Removal Areas 9A and 10A.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	385	11	1,890	54
2008 Total	1,925	55	25,690	734
Project Total to Date	4,935	141	59,605	1,703

\*\* All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

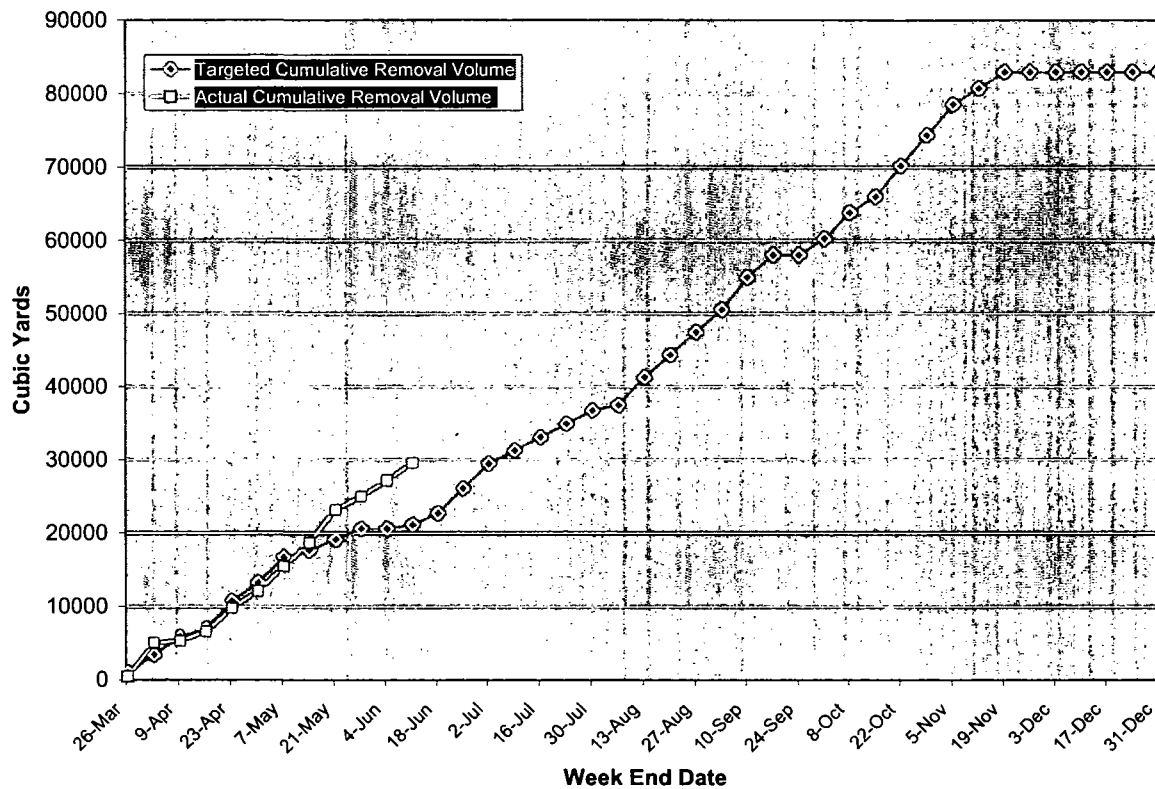


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***Work Planned: June 12-June 18, 2008***

- Continue removing soil and sediment from Removal Area 10B and continue removing floodplain soil from Removal Areas 11A, 12A, and 13A.
- Complete the installation of resuspension control systems in Removal Area 12B.
- Begin removing soil and sediment from Removal Area 12B.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B1 to EQ's Wayne County Disposal Facility located in Belleville, Michigan.
- Complete seeding in Removal Areas 9A and 10A.
- Begin seeding in Removal Areas 7, 8, and 9B.
- Begin post-construction activities in Removal Area 11B, including placement of river run rock and topsoil.
- Continue operation of the WCS.

## Removal Progress

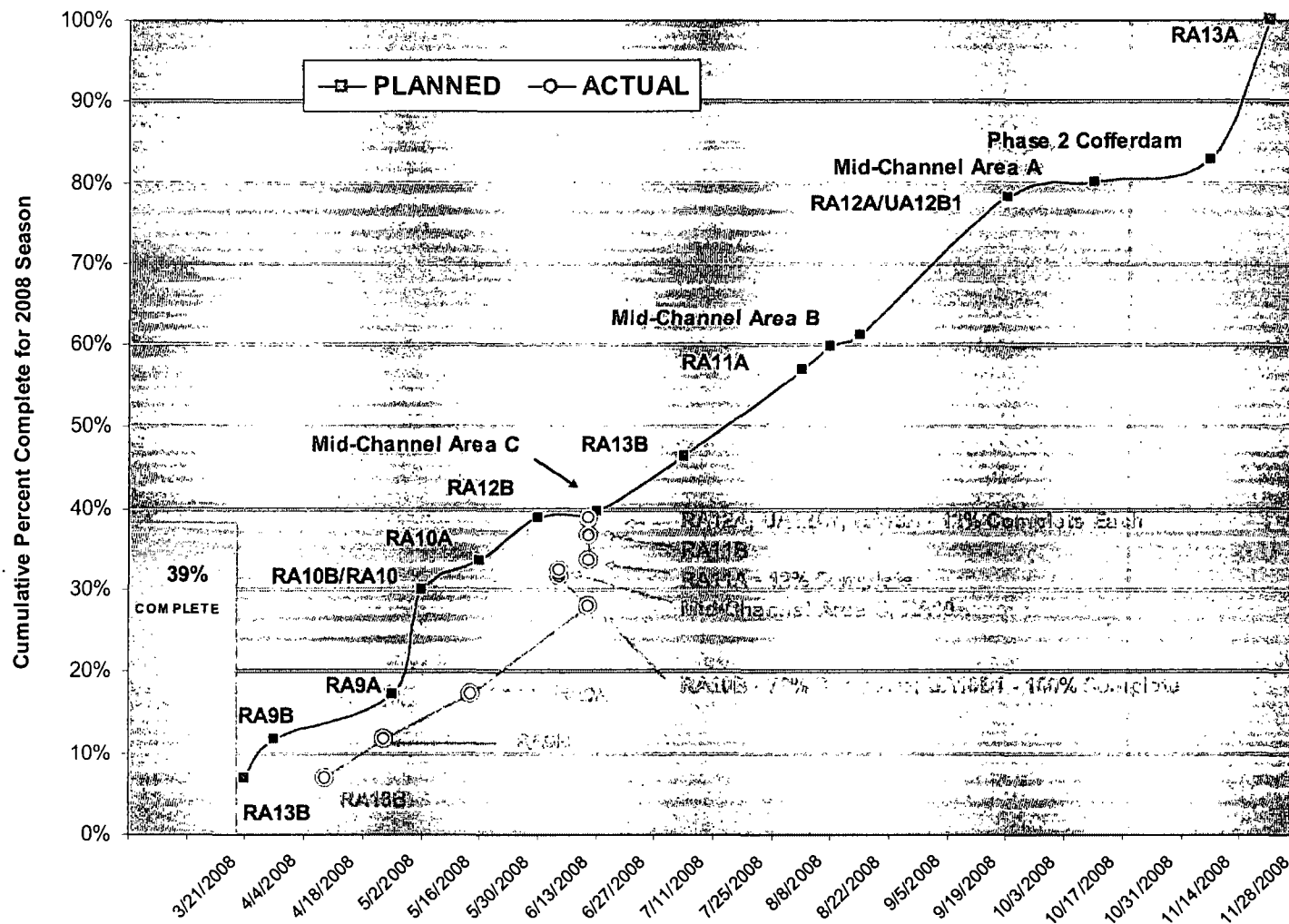


### Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

## Removal Progress



#### **Health & Safety Update**

- 5 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 161 LPOs have been completed for the project to date.

#### **Weather Summary**

- Construction activities were limited and the crew numbers were reduced on June 9<sup>th</sup> and 10<sup>th</sup> due to heavy rainfall over the weekend. Landfill conditions limited hauling activities on the 9<sup>th</sup> and prevented hauling on the 10<sup>th</sup>.

#### **Environmental Monitoring and Construction Quality Assurance Testing**

##### **Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

##### **Dewatering System Discharge Monitoring:**

Discharge Flow: 18,000 gallons (Staging Area 4N) and 46,000 gallons (Staging Area 5S)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain: A batch sample from Staging Area 4N had a PCB detection of 0.1 µg/L. The batch was not discharged. Corrective actions to the temporary treatment system will be taken and the batch will be retreated and sampled.

##### **Excavation Verification Sampling:**

Testing Performed this Week? No ☐ Yes ☒ in Removal Area 11B

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

#### **Issues Encountered/Solutions Advanced**

- None.

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**Equipment on Site**

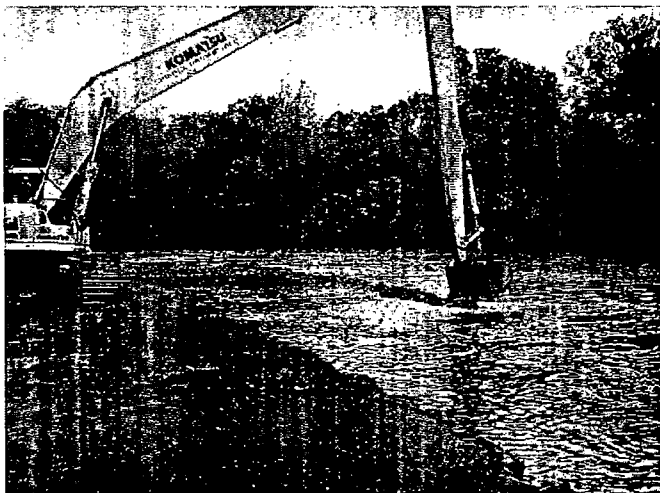
Equipment	6/05/08	6/06/08	6/07/08	6/08/08	6/09/08	6/10/08	6/11/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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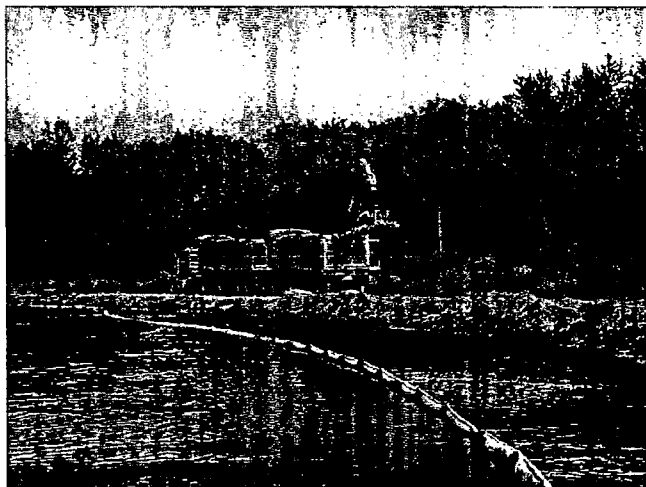
***Personnel, Regulatory Staff, and Visitors on Site***

Individual/Affiliation	6/05/08	6/06/08	6/07/08	6/08/08	6/09/08	6/10/08	6/11/08
Terra Contracting Staff	25	25	12		12	12	25
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Mike Ribordy/USEPA OSC	X						
Lori Mueller/USEPA OSC					X	X	
Paul Bucholtz/MDEQ	X						
John Bradley/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR					X		
Sharon Hanshue/MDNR							
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X	X		X	X	X
Chase Fortenberry/KRSG	X	X					
Mark Brown/KRSG							
Steve Garbaciak/ARCADIS							
Scott Harcus/ARCADIS	X	X	X		X	X	X
Eric Hritsuk/ARCADIS							X
Wendell Miller/ARCADIS	X	X					
Matt Bowman/ARCADIS		X					
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X			X		X
Ben Lawrence/ARCADIS							
Adam Chwalibog							
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS					X	X	X
Other Subcontractors (Specify)							
King Co.							
JF New						4	4

***Photos from Week #51***



Installing erosion protection in Removal Area 7.



Loading TSCA material in Removal Area 10B.



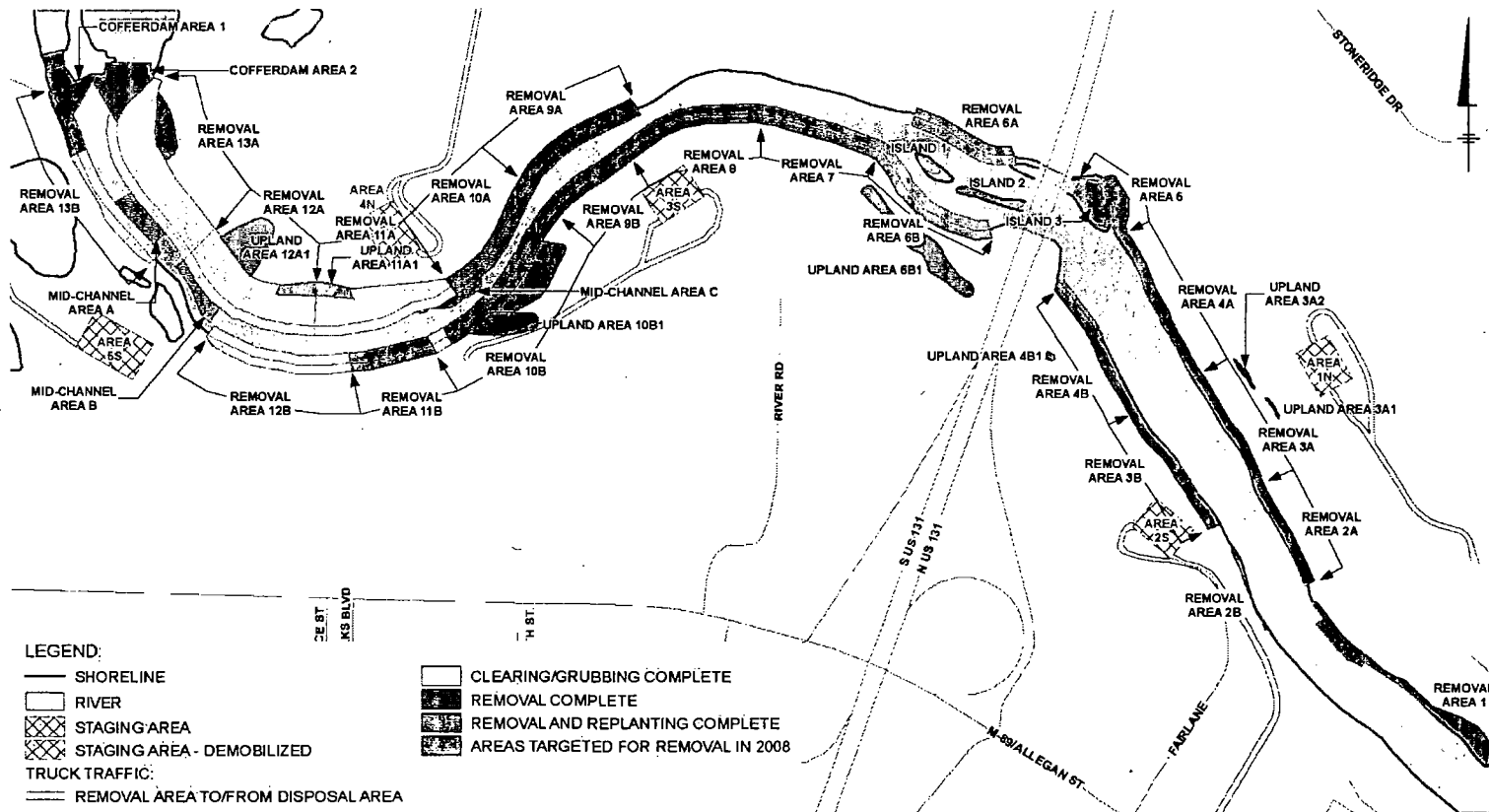
Solidifying soil and sediment at Staging Area 5S.



Seeding and mulching in Removal Area 9A.

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### Targeted Removal Areas—Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.